RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/462,671**

DATE: 06/07/2001
TIME: 11:26:48

Input Set : **A:\PTO.txt**
Output Set: **C:\CRF3\06072001\I462671.raw**

ENTERED

```
 3 <110> APPLICANT: YLIHONKO, Kristiina
 4         HAKALA, Juha
 5         KUNNARI, Tero
 7 <120> TITLE OF INVENTION: HYBRID ANTHRACYCLINES FROM GENETICALLY ENGINEERED
STREPTOMYCES GALILAEUS
 8         STRAINS
10 <130> FILE REFERENCE: 1574/48472
12 <140> CURRENT APPLICATION NUMBER: 09/462,671
13 <141> CURRENT FILING DATE: 2000-01-11
15 <160> NUMBER OF SEQ ID NOS: 2
17 <170> SOFTWARE: PatentIn version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 23
21 <212> TYPE: DNA
22 <213> ORGANISM: Streptomyces lividans
24 <400> SEQUENCE: 1
25 acatgtccga acgcatcgtg ccg                                           23
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 23
30 <212> TYPE: DNA
31 <213> ORGANISM: Streptomyces lividans
33 <400> SEQUENCE: 2
34 agcagcgggc gggagagacg atg                                           23
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/462,671**

DATE: 06/07/2001
TIME: 11:26:49

Input Set : **A:\PTO.txt**
Output Set: **C:\CRF3\06072001\I462671.raw**

RAW SEQUENCE LISTING   DATE: 06/07/2001
PATENT APPLICATION: **US/09/685,010**   TIME: 11:23:29

Input Set : **A:\401c1.app.txt**
Output Set: **C:\CRF3\06072001\I685010.raw**

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 4 <110> APPLICANT: Turley, Eva A.
 5        Cruz, Tony F.
 7 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
 8        CELLULAR RESPONSE TO INJURY AND OTHER PROLIFERATING CELL
 9        DISORDERS REGULATED BY HYALADHERIN AND HYALURONANS
12 <130> FILE REFERENCE: 910130.401C1
14 <140> CURRENT APPLICATION NUMBER: US 09/685,010
15 <141> CURRENT FILING DATE: 2001-05-23
17 <160> NUMBER OF SEQ ID NOS: 72
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 8
23 <212> TYPE: PRT
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Peptide that binds a hyalauronan
29 <221> NAME/KEY: VARIANT
30 <222> LOCATION: (1)...(5)
31 <223> OTHER INFORMATION: Xaa = any amino acid
33 <221> NAME/KEY: HELIX
34 <222> LOCATION: (1)...(5)
35 <223> OTHER INFORMATION: Alpha-helix
37 <221> NAME/KEY: VARIANT
38 <222> LOCATION: (6)...(8)
39 <223> OTHER INFORMATION: Xaa = Lysine or Arginine
41 <400> SEQUENCE: 1
42 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
43 1               5
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 11
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Peptide that binds a hyalauronan
53 <221> NAME/KEY: VARIANT
54 <222> LOCATION: (1)...(5)
55 <223> OTHER INFORMATION: Xaa = any amino acid
57 <221> NAME/KEY: HELIX
58 <222> LOCATION: (1)...(5)
59 <223> OTHER INFORMATION: Alpha-helix
61 <221> NAME/KEY: VARIANT
62 <222> LOCATION: (6)...(6)
63 <223> OTHER INFORMATION: Xaa = Lysine or Arginine
65 <221> NAME/KEY: VARIANT
66 <222> LOCATION: (7)...(7)
67 <223> OTHER INFORMATION: Xaa = Hydrophobic or neutral amino acid consisting
68        of I,L,V,Q,S
```

Input Set : A:\401c1.app.txt
Output Set: C:\CRF3\06072001\I685010.raw

```
 70 <221> NAME/KEY: VARIANT
 71 <222> LOCATION: (8)...(9)
 72 <223> OTHER INFORMATION: Xaa = Lysine or Arginine
 74 <221> NAME/KEY: VARIANT
 75 <222> LOCATION: (10)...(10)
 76 <223> OTHER INFORMATION: Xaa = Hydrophobic or neutral amino acid consisting
 77        of I,L,V,Q,S
 79 <221> NAME/KEY: VARIANT
 80 <222> LOCATION: (11)...(11)
 81 <223> OTHER INFORMATION: Xaa = Lysine or Arginine
 83 <400> SEQUENCE: 2
 84 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 85  1               5                   10
 87 <210> SEQ ID NO: 3
 88 <211> LENGTH: 12
 89 <212> TYPE: PRT
 90 <213> ORGANISM: Artificial Sequence
 92 <220> FEATURE:
 93 <223> OTHER INFORMATION: Peptide that binds a hyalauronan
 95 <221> NAME/KEY: VARIANT
 96 <222> LOCATION: (1)...(5)
 97 <223> OTHER INFORMATION: Xaa = any amino acid
 99 <221> NAME/KEY: HELIX
100 <222> LOCATION: (1)...(5)
101 <223> OTHER INFORMATION: Alpha-helix
103 <221> NAME/KEY: VARIANT
104 <222> LOCATION: (6)...(6)
105 <223> OTHER INFORMATION: Xaa = Lysine or Arginine
107 <221> NAME/KEY: VARIANT
108 <222> LOCATION: (7)...(7)
109 <223> OTHER INFORMATION: Xaa = Hydrophobic or neutral amino acid consisting
110        of I,L,V,Q,S
112 <221> NAME/KEY: VARIANT
113 <222> LOCATION: (8)...(8)
114 <223> OTHER INFORMATION: Xaa = Lysinse or Arginine
116 <221> NAME/KEY: VARIANT
117 <222> LOCATION: (9)...(9)
118 <223> OTHER INFORMATION: Xaa = Hydrophobic or neutral amino acid consisting
119        of I,L,V,Q,S
121 <221> NAME/KEY: VARIANT
122 <222> LOCATION: (10)...(12)
123 <223> OTHER INFORMATION: Xaa = Lysine or Arginine
125 <400> SEQUENCE: 3
126 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
127  1               5                   10
129 <210> SEQ ID NO: 4
130 <211> LENGTH: 10
131 <212> TYPE: PRT
132 <213> ORGANISM: Artificial Sequence
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134 <220> FEATURE:
135 <223> OTHER INFORMATION: Peptide that binds a hyalauronan
137 <221> NAME/KEY: VARIANT
138 <222> LOCATION: (1)...(5)
139 <223> OTHER INFORMATION: Xaa = any amino acid
141 <221> NAME/KEY: HELIX
142 <222> LOCATION: (1)...(5)
143 <223> OTHER INFORMATION: Alpha-helix
145 <221> NAME/KEY: VARIANT
146 <222> LOCATION: (6)...(6)
147 <223> OTHER INFORMATION: Xaa = Lysine or Arginine
149 <221> NAME/KEY: VARIANT
150 <222> LOCATION: (7)...(7)
151 <223> OTHER INFORMATION: Xaa = Hydrophobic or neutral amino acid consisting
152       of I,L,V,Q,S
154 <221> NAME/KEY: VARIANT
155 <222> LOCATION: (8)...(10)
156 <223> OTHER INFORMATION: Xaa = Lysine or Arginine
158 <400> SEQUENCE: 4
159 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
160 1               5                 10
162 <210> SEQ ID NO: 5
163 <211> LENGTH: 9
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Peptide that binds a hyalauronan
170 <221> NAME/KEY: VARIANT
171 <222> LOCATION: (1)...(5)
172 <223> OTHER INFORMATION: Xaa = Any amino acid
174 <221> NAME/KEY: HELIX
175 <222> LOCATION: (1)...(5)
176 <223> OTHER INFORMATION: Alpha-helix
178 <221> NAME/KEY: VARIANT
179 <222> LOCATION: (6)...(6)
180 <223> OTHER INFORMATION: Xaa = Lysine or Arginine
182 <221> NAME/KEY: VARIANT
183 <222> LOCATION: (7)...(7)
184 <223> OTHER INFORMATION: Xaa = Hydrophobic or neutral amino acid consisting
185       of I,L,V,Q,S
187 <221> NAME/KEY: VARIANT
188 <222> LOCATION: (8)...(9)
189 <223> OTHER INFORMATION: Xaa = Lysine or Arginine
191 <400> SEQUENCE: 5
192 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
193 1               5
195 <210> SEQ ID NO: 6
196 <211> LENGTH: 7
197 <212> TYPE: PRT
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198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Peptide that binds a hyalauronan
203 <221> NAME/KEY: HELIX
204 <222> LOCATION: (1)...(5)
205 <223> OTHER INFORMATION: Alpha-helix
207 <400> SEQUENCE: 6
208 Met Met Thr Val Leu Lys Arg
209 1                 5
211 <210> SEQ ID NO: 7
212 <211> LENGTH: 11
213 <212> TYPE: PRT
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Peptide that binds a hyalauronan
219 <221> NAME/KEY: HELIX
220 <222> LOCATION: (1)...(5)
221 <223> OTHER INFORMATION: Alpha-helix
223 <400> SEQUENCE: 7
224 Met Met Thr Val Leu Lys Val Lys Arg Leu Arg
225 1                 5                 10
227 <210> SEQ ID NO: 8
228 <211> LENGTH: 12
229 <212> TYPE: PRT
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Peptide that binds a hyalauronan
235 <221> NAME/KEY: HELIX
236 <222> LOCATION: (1)...(5)
237 <223> OTHER INFORMATION: Alpha-helix
239 <400> SEQUENCE: 8
240 Met Met Thr Val Leu Lys Val Lys Val Lys Arg Lys
241 1                 5                 10
243 <210> SEQ ID NO: 9
244 <211> LENGTH: 10
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Peptide that binds a hyalauronan
251 <221> NAME/KEY: HELIX
252 <222> LOCATION: (1)...(5)
253 <223> OTHER INFORMATION: Alpha-helix
255 <400> SEQUENCE: 9
256 Met Met Thr Val Leu Lys Val Arg Lys Arg
257 1                 5                 10
259 <210> SEQ ID NO: 10
260 <211> LENGTH: 9
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial Sequence
```

```
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Peptide that binds a hyalauronan
267 <221> NAME/KEY: HELIX
268 <222> LOCATION: (1)...(5)
269 <223> OTHER INFORMATION: Alpha-helix
271 <400> SEQUENCE: 10
272 Met Met Thr Val Leu Lys Val Arg Lys
273 1               5
275 <210> SEQ ID NO: 11
276 <211> LENGTH: 13
277 <212> TYPE: PRT
278 <213> ORGANISM: Homo sapiens
280 <400> SEQUENCE: 11
281 Lys Leu Gln Ala Thr Gln Lys Pro Leu Thr Glu Ser Lys
282 1               5                   10
284 <210> SEQ ID NO: 12
285 <211> LENGTH: 12
286 <212> TYPE: PRT
287 <213> ORGANISM: Homo sapiens
289 <400> SEQUENCE: 12
290 Val Ser Ile Glu Lys Glu Lys Ile Asp Glu Lys Ser
291 1               5                   10
293 <210> SEQ ID NO: 13
294 <211> LENGTH: 6
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Peptide developed based upon the TAM domain
300        (Transient Activator of MAP kinases)
302 <221> NAME/KEY: VARIANT
303 <222> LOCATION: (3)...(3)
304 <223> OTHER INFORMATION: Xaa = Any amino acid
306 <400> SEQUENCE: 13
307 Val Ser Xaa Lys Glu Lys
308 1               5
310 <210> SEQ ID NO: 14
311 <211> LENGTH: 23
312 <212> TYPE: PRT
313 <213> ORGANISM: Mus musculus
315 <400> SEQUENCE: 14
316 Lys Leu Gln Ala Thr Gln Lys Asp Leu Thr Glu Ser Lys Gly Lys Ile
317 1               5-                  10                  15
318 Val Gln Leu Glu Gly Lys Leu
319           20
321 <210> SEQ ID NO: 15
322 <211> LENGTH: 14
323 <212> TYPE: PRT
324 <213> ORGANISM: Mus musculus
326 <400> SEQUENCE: 15
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Please Note:
**Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
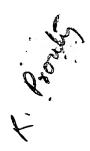<223> fields of each sequence which presents at least one n or Xaa.**

VERIFICATION SUMMARY   DATE: 06/07/2001
PATENT APPLICATION: **US/09/685,010**   TIME: 11:23:30

Input Set : **A:\401c1.app.txt**
Output Set: **C:\CRF3\06072001\I685010.raw**

```
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
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RAW SEQUENCE LISTING　　　　　　　　DATE: 06/07/2001
PATENT APPLICATION:　US/09/637,054　　TIME: 11:29:04

Input Set : **A:\PTO.txt**
Output Set: **C:\CRF3\06072001\I637054.raw**

ENTERED

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 3 <110> APPLICANT: Maroney, Anna
 4         Walton, Kevin M.
 5         Dionne, Craig A.
 6         Neff, Nicola
 7         Knight, Jr., Ernest
 8         Glicksman, Marcie A.
10 <120> TITLE OF INVENTION: Methods For Modulating Multiple Lineage Kinase Proteins And
Screening
11         Compounds Which Modulate Lineage Kinase Proteins
13 <130> FILE REFERENCE: CEPH-1235
15 <140> CURRENT APPLICATION NUMBER: 09/637,054
16 <141> CURRENT FILING DATE: 2000-08-11
18 <160> NUMBER OF SEQ ID NOS: 18
20 <170> SOFTWARE: PatentIn version 3.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 17
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
29 Cys Gly Gly Ala Thr Cys Cys Ala Cys Met Gly Ile Gly Ala Tyr Tyr
30 1               5                   10                  15
32 Thr
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 23
37 <212> TYPE: PRT
38 <213> ORGANISM: Homo sapiens
40 <400> SEQUENCE: 2
42 Gly Gly Ala Ala Thr Thr Cys Cys Ala Trp Ala Gly Gly Ala Cys Cys
43 1               5                   10                  15
45 Ala Ser Ala Cys Arg Thr Cys
46             20
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 33
50 <212> TYPE: PRT
51 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 3
55 Cys Gly Gly Ala Thr Cys Cys Arg Thr Ile Cys Ala Tyr Met Gly Ile
56 1               5                   10                  15
58 Gly Ala Tyr Tyr Thr Ile Gly Cys Ile Gly Cys Ile Met Gly Ile Ala
59             20                  25                  30
61 Ala
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 30
66 <212> TYPE: PRT
67 <213> ORGANISM: Homo sapiens
69 <400> SEQUENCE: 4
71 Gly Gly Ala Ala Thr Thr Ile Ala Tyr Ile Gly Gly Ala Trp Ala Ile
72 1               5                   10                  15
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RAW SEQUENCE LISTING   DATE: 06/07/2001
PATENT APPLICATION: US/09/637,054   TIME: 11:29:04

Input Set : A:\PTO.txt
Output Set: C:\CRF3\06072001\I637054.raw

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145 <213> ORGANISM: Homo sapiens
147 <400> SEQUENCE: 12
148 ataagcttcc tcagtgcaag tggatcgcgc agcccctga                     39
151 <210> SEQ ID NO: 13
152 <211> LENGTH: 8
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 13
158 Asp Tyr Lys Asp Asp Asp Asp Lys
159 1               5
161 <210> SEQ ID NO: 14
162 <211> LENGTH: 69
163 <212> TYPE: DNA
164 <213> ORGANISM: Homo sapiens
166 <400> SEQUENCE: 14
167 ataaagcttc cagaggccat ggactacaag gacgacgatg acaaggcctg cctccatgaa   60
169 acccgaaca                                                          69
172 <210> SEQ ID NO: 15
173 <211> LENGTH: 18
174 <212> TYPE: DNA
175 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 15
178 gacagggcgg ccggctct                                               18
181 <210> SEQ ID NO: 16
182 <211> LENGTH: 583
183 <212> TYPE: DNA
184 <213> ORGANISM: Homo sapiens
186 <400> SEQUENCE: 16
187 gaattcggca cgagaggact cgcaggtgtc cggcgacgag ggctggtgga ccgggcagct   60
189 gaaccagcgg gtgggcatct ccccagcaa ctacgtgacc ccgcgcagcg ccttctccag  120
191 ccgctgccag cccggcggcg aggaccccag ttgctacccg cccattcagt tgttagaaat  180
193 tgattttgcg gagctcacct tggaagagat tattggcatc gggggctttg ggaaggtcta  240
195 tcgtgctttc tggatagggg atgaggttgc tgtgaaagca gctcgccacg accctgatga  300
197 ggacatcagc cagaccatag agaatgttcg ccaagaggcc aagctcttcg ccatgctgaa  360
199 gcacccaac atcattgccc taagaggggt atgtctgaag gagcccaacc tctgcttggt  420
201 catggagttt gctcgtggag gacctttgaa tagagtgtta tctgggaaaa ggattccccc  480
203 agacatcctg gtgaattggg ctgtgcagat tgccagaggg atgaactact tacatgatga  540
205 ggcaattgtt cccatcatcc accgcgacct taagtccagc aac                    583
208 <210> SEQ ID NO: 17
209 <211> LENGTH: 194
210 <212> TYPE: PRT
211 <213> ORGANISM: Homo sapiens
213 <400> SEQUENCE: 17
215 Asn Ser Ala Arg Glu Asp Ser Gln Val Ser Gly Asp Glu Gly Trp Trp
216 1               5                   10                  15
218 Thr Gly Gln Leu Asn Gln Arg Val Gly Ile Phe Pro Ser Asn Tyr Val
219                 20                  25                  30
221 Thr Pro Arg Ser Ala Phe Ser Ser Arg Cys Gln Pro Gly Gly Glu Asp
222             35                  40                  45
```

Input Set : A:\PTO.txt
Output Set: C:\CRF3\06072001\I637054.raw

```
224 Pro Ser Cys Tyr Pro Pro Ile Gln Leu Leu Glu Ile Asp Phe Ala Glu
225     50              55              60
227 Leu Thr Leu Glu Glu Ile Ile Gly Ile Gly Gly Phe Gly Lys Val Tyr
228 65              70              75              80
230 Arg Ala Phe Trp Ile Gly Asp Glu Val Ala Val Lys Ala Ala Arg His
231             85              90              95
233 Asp Pro Asp Glu Asp Ile Ser Gln Thr Ile Glu Asn Val Arg Gln Glu
234         100             105             110
236 Ala Lys Leu Phe Ala Met Leu Lys His Pro Asn Ile Ile Ala Leu Arg
237     115             120             125
239 Gly Val Cys Leu Lys Glu Pro Asn Leu Cys Leu Val Met Glu Phe Ala
240     130             135             140
242 Arg Gly Gly Pro Leu Asn Arg Val Leu Ser Gly Lys Arg Ile Pro Pro
243 145             150             155             160
245 Asp Ile Leu Val Asn Trp Ala Val Gln Ile Ala Arg Gly Met Asn Tyr
246             165             170             175
248 Leu His Asp Glu Ala Ile Val Pro Ile Ile His Arg Asp Leu Lys Ser
249         180             185             190
251 Ser Asn
254 <210> SEQ ID NO: 18
255 <211> LENGTH: 10
256 <212> TYPE: PRT
257 <213> ORGANISM: Homo sapiens
259 <400> SEQUENCE: 18
261 Asn Asp Tyr Lys Asp Asp Asp Asp Lys Cys
262 1               5               10
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VERIFICATION SUMMARY   DATE: 06/07/2001
PATENT APPLICATION: **US/09/637,054**   TIME: 11:29:05

Input Set : **A:\PTO.txt**
Output Set: **C:\CRF3\06072001\I637054.raw**

US 0968501008P1

Creation date: 11-17-2003
Indexing Officer: KKHAMBAY - KHOUTHONG KHAMBAY
Team: OIPEBackFileIndexing
Dossier: 09685010

Legal Date: 11-07-2001

No.	Doccode	Number of pages
1	PA..	3

Total number of pages: 3

Remarks:

Order of re-scan issued on ....